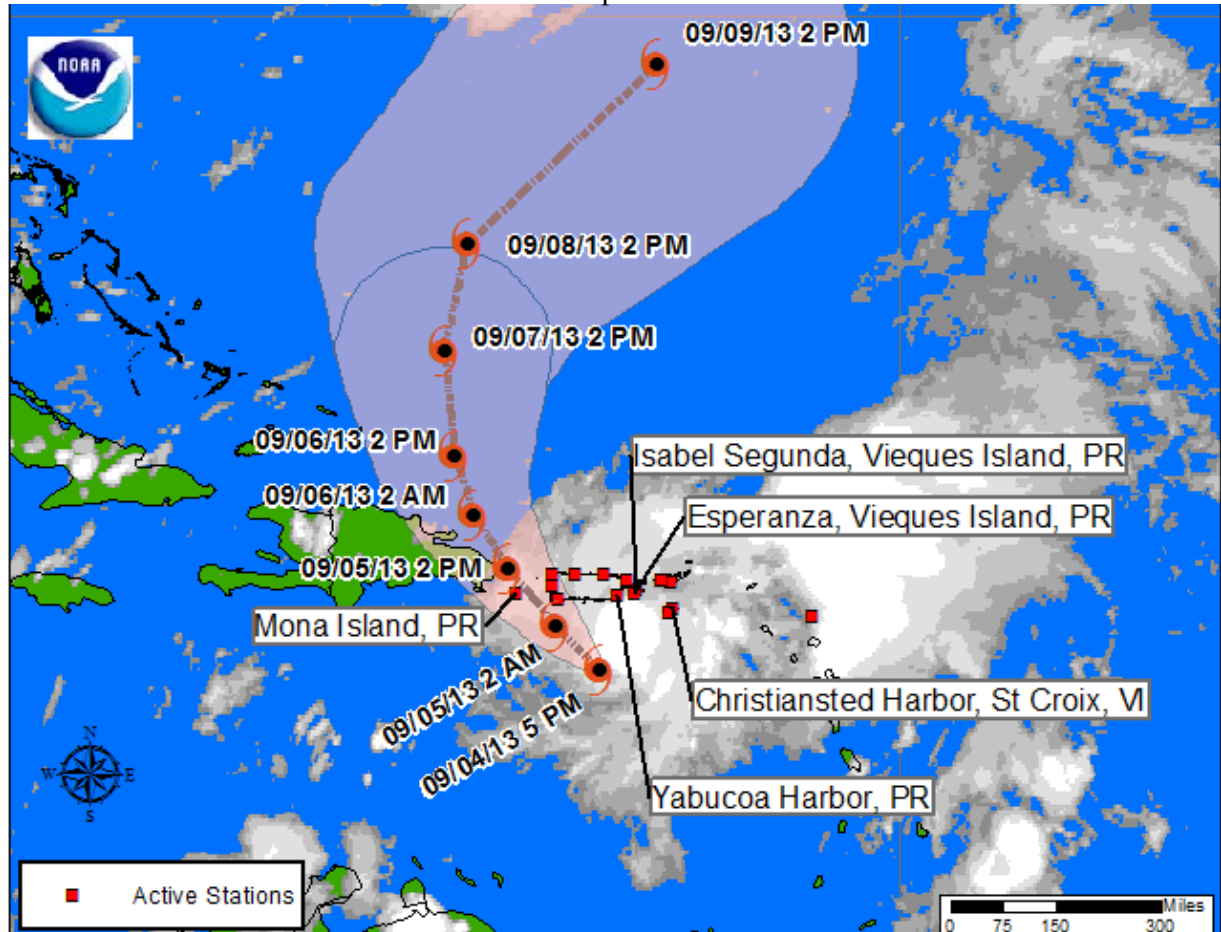




Tropical Depression SEVEN QuickLook
Posted: 19:00 AST 09/04/2013

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/04/2013 18:30 AST, water levels across Puerto Rico and U.S Virgin Islands are near or slightly above predicted level and range between 0.1 to 0.5 ft above predicted. Winds are close to normal. Barometric pressure is slowly falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur. Water level predictions relative to Mean Lower Low Water (MLLW) are:

Isabel Segunda, Vieques Island, PR: Next predicted high tides are 1.1 ft (0.33 m) at 09/04/2013 20:29 AST and 0.9 ft (0.28 m) at 09/05/2013 08:29 AST.

Esperanza, Vieques Island, PR: Next predicted high tides are 0.6 ft (0.18 m) at 09/04/2013 20:09 AST and 0.5 ft (0.14 m) at 09/05/2013 06:47 AST.

Tropical Depression SEVEN QuickLook, POSTED 19:00 AST 09/04/2013

Yabucoa Harbor, PR: Next predicted high tides are 0.6 ft (0.17 m) at 09/04/2013 20:48 AST and 0.4 ft (0.12 m) at 09/05/2013 08:03 AST.

Mona Island, PR: Next predicted high tides are 0.7 ft (0.20 m) at 09/04/2013 19:55 AST and 0.5 ft (0.16 m) at 09/05/2013 07:43 AST.

Christiansted Harbor, St Croix, VI: Next predicted high tides are 0.6 ft (0.20 m) at 09/04/2013 20:00 AST and 0.5 ft (0.15 m) at 09/05/2013 07:34 AST.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL DEPRESSION SEVEN ADVISORY NUMBER 1

500 PM AST WED SEP 04 2013

...TROPICAL DEPRESSION FORMS SOUTH OF PUERTO RICO...
...TROPICAL STORM WARNINGS ISSUED...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED FOR PUERTO RICO.

THE GOVERNMENT OF THE DOMINICAN REPUBLIC HAS ISSUED A TROPICAL STORM WARNING FOR THE COAST OF THE DOMINICAN REPUBLIC FROM CABO ENGANO TO CABO FRANCES VIEJO AND A TROPICAL STORM WATCH FROM SANTO DOMINGO TO CABO ENGANO.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* PUERTO RICO

* DOMINICAN REPUBLIC FROM CABO ENGANO TO CABO FRANCES VIEJO

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* DOMINICAN REPUBLIC FROM SANTO DOMINGO TO CABO ENGANO

INTERESTS IN THE SOUTHEASTERN BAHAMAS AND THE TURKS AND CAICOS ISLANDS SHOULD MONITOR THE PROGRESS OF THIS SYSTEM.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE WITHIN THE NEXT 12 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...IN THIS CASE WITHIN 12 TO 24 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS... PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE THE UNITED STATES... PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.

DISCUSSION AND 48-HOUR OUTLOOK

DATA FROM AN AIR FORCE RESERVE HURRICANE HUNTER AIRCRAFT INDICATE THAT THE DISTURBANCE IN THE EASTERN CARIBBEAN SEA HAS DEVELOPED A CLOSED WIND CIRCULATION AND IS NOW A TROPICAL CYCLONE.

AT 500 PM AST...THE CENTER OF TROPICAL DEPRESSION SEVEN WAS LOCATED NEAR LATITUDE 16.5 NORTH...LONGITUDE 66.2 WEST. THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 9 MPH...AND THIS MOTION IS EXPECTED TO CONTINUE THROUGH THURSDAY WITH A TURN TOWARD THE NORTH-NORTHWEST FORECAST ON FRIDAY. ON THE FORECAST TRACK...THE CENTER SHOULD PASS NEAR OR JUST WEST OF PUERTO RICO EARLY ON THURSDAY...NEAR OR JUST EAST OF THE DOMINICAN REPUBLIC LATER ON THURSDAY...AND MOVE EAST OF THE TURKS AND THE CAICOS ISLANDS ON FRIDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH...WITH HIGHER GUSTS. SOME GRADUAL STRENGTHENING IS FORECAST DURING THE NEXT 48 HOURS...AND THE DEPRESSION IS EXPECTED TO BECOME A TROPICAL STORM TONIGHT OR THURSDAY.

THE LATEST CENTRAL PRESSURE ESTIMATED FROM AN AIR FORCE RESERVE RECONNAISSANCE AIRCRAFT IS 1009 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO FIRST REACH THE COAST OF PUERTO RICO OVERNIGHT...AND REACH THE WARNING AREA IN THE DOMINICAN REPUBLIC BY MIDDAY THURSDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA BY EARLY THURSDAY.

RAINFALL...THE DEPRESSION IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 3 TO 6 INCHES OVER PORTIONS OF PUERTO RICO...THE U.S. VIRGIN ISLANDS...AND EASTERN PORTIONS OF THE DOMINICAN REPUBLIC WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 10 INCHES POSSIBLE IN AREAS OF MOUNTAINOUS TERRAIN. THESE HEAVIER AMOUNTS COULD RESULT IN DANGEROUS FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN.

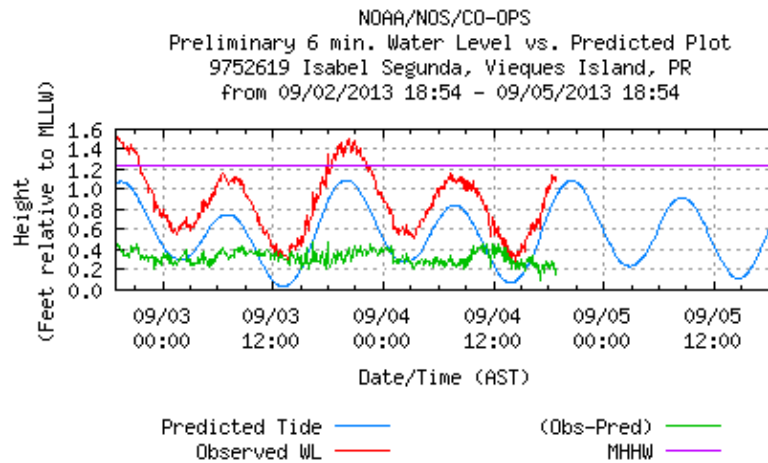
\$\$

FORECASTER BLAKE

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

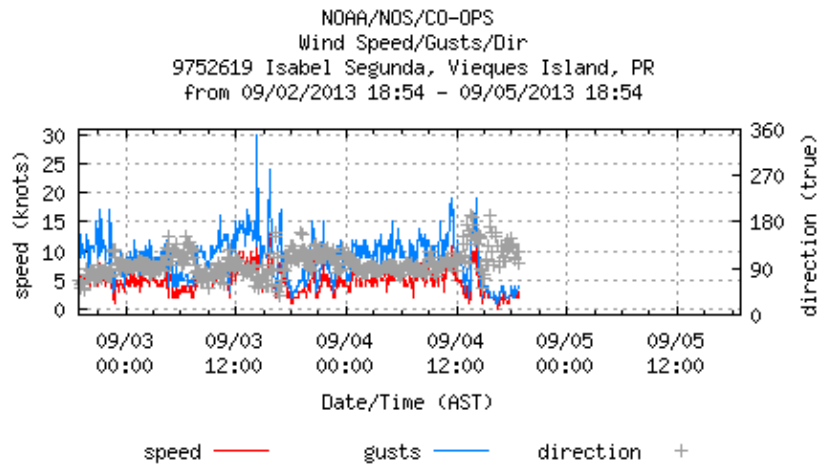
Jump to: [Isabel Segunda, Vieques Island - Water Level](#), [Isabel Segunda, Vieques Island - Winds](#), [Esperanza, Vieques Island - Water Level](#), [Esperanza, Vieques Island - Winds](#), [Esperanza, Vieques Island - Barometric](#), [Esperanza, Vieques Island - Air/Water Temp](#), [Yabucoa Harbor - Water Level](#), [Yabucoa Harbor - Winds](#), [Yabucoa Harbor - Air/Water Temp](#), [Mona Island - Water Level](#), [Mona Island - Barometric](#), [Mona Island - Air/Water Temp](#), [Christiansted Harbor, St Croix - Water Level](#), [Christiansted Harbor, St Croix - Winds](#), [Christiansted Harbor, St Croix - Barometric](#), [Christiansted Harbor, St Croix - Air/Water Temp](#)

Isabel Segunda, Vieques Island, PR - Return to List



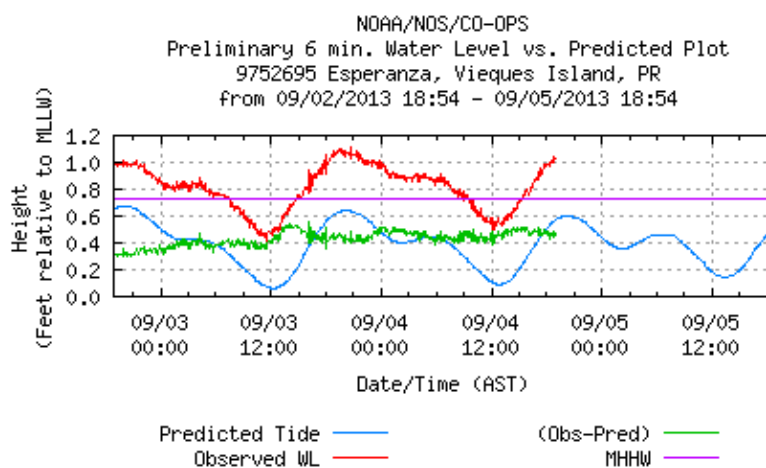
Last Observed Sample: 09/04/2013 18:48 (AST)
Relative to MLLW: **Observed: 1.09 ft.** **Predicted: 0.94 ft.** **Residual: 0.15 ft.**
Historical Maximum Water Level: n/a

Isabel Segunda, Vieques Island, PR - Return to List



Last Observed Sample: 09/04/2013 18:48 (AST)
Wind Speed: 2 knots **Gusts: 4 knots** **Direction: 123° T**

Esperanza, Vieques Island, PR - Return to List

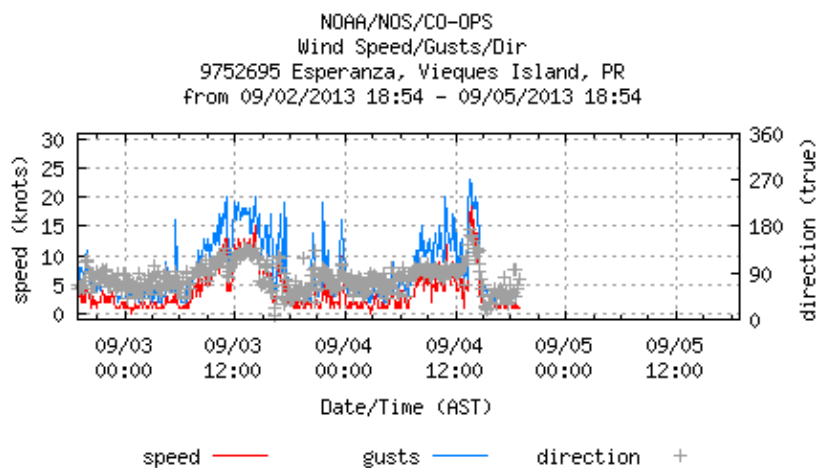


Last Observed Sample: 09/04/2013 18:54 (AST)

Relative to MLLW: **Observed: 1.03 ft.** **Predicted: 0.57 ft.** **Residual: 0.46 ft.**

Historical Maximum Water Level: Aug 22 2011, 1.78 ft. above MLLW

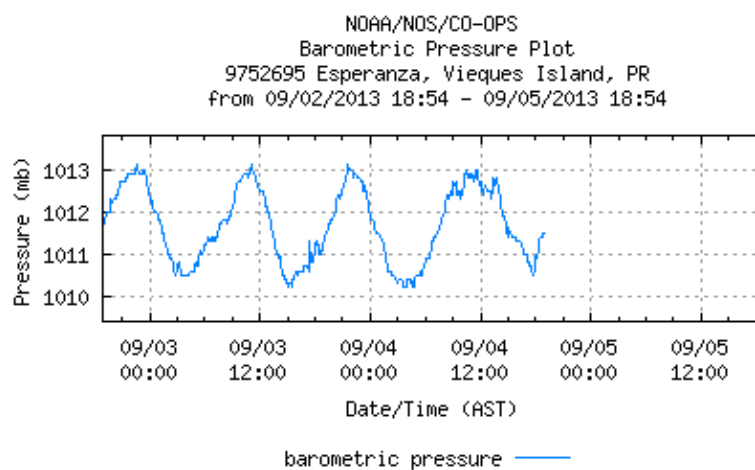
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/04/2013 18:54 (AST)

Wind Speed: 1 knots **Gusts: 3 knots** **Direction: 79° T**

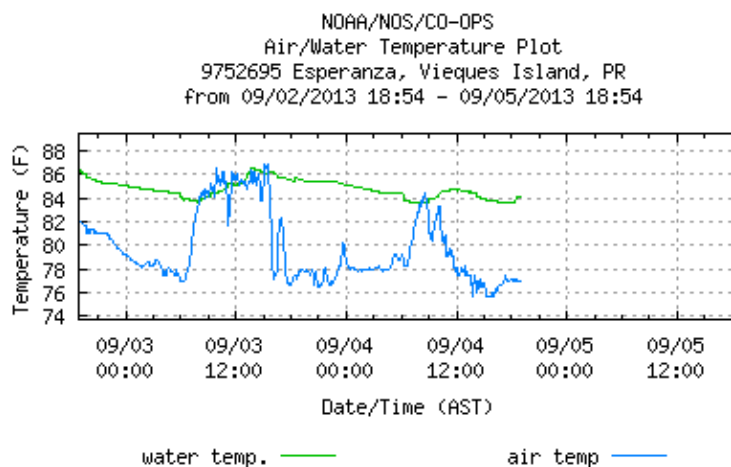
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/04/2013 18:54 (AST)

Barometric Pressure: 1011.5 mb

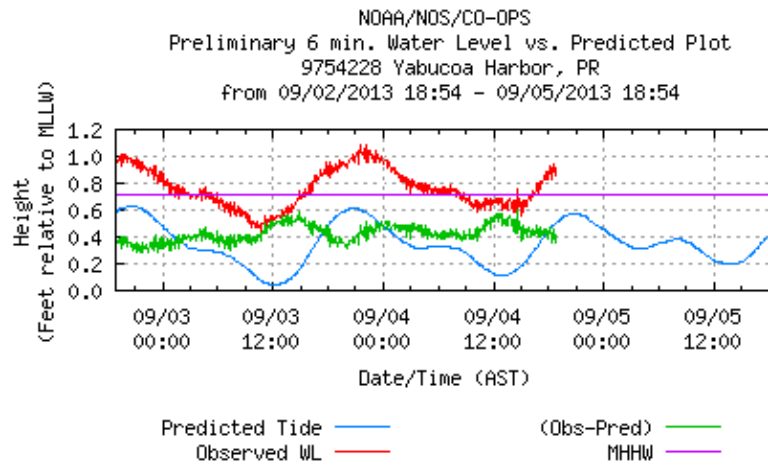
Esperanza, Vieques Island, PR - Return to List



Last Observed Sample: 09/04/2013 18:54 (AST)

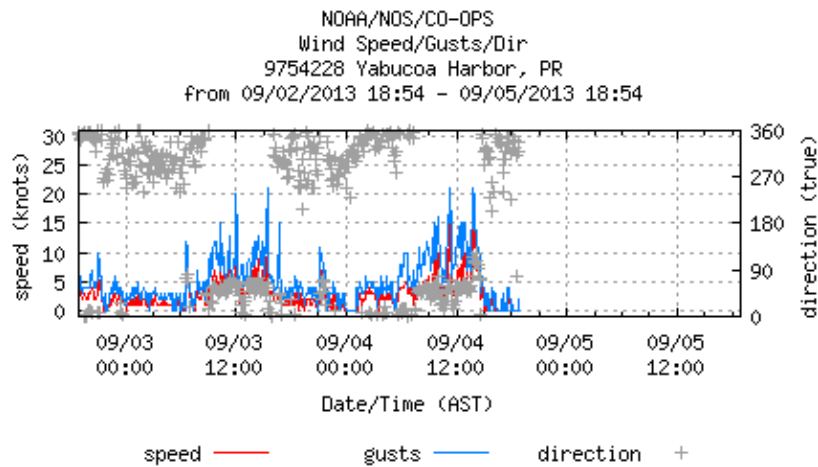
Water Temperature: 84.2° F Air Temperature: 77.0° F

Yabucoa Harbor, PR - Return to List



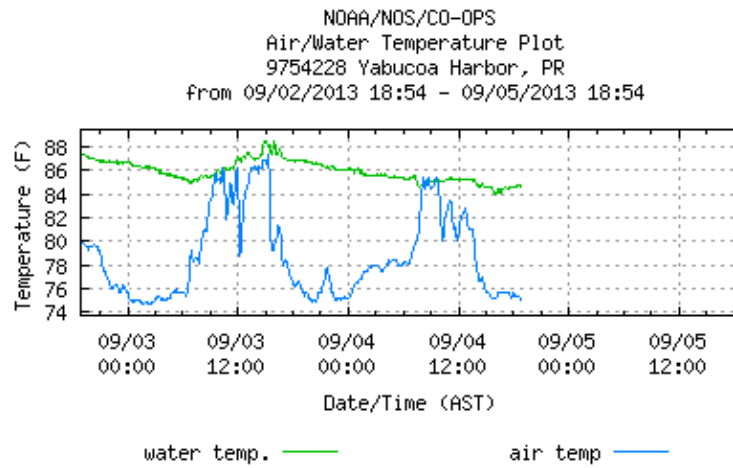
Last Observed Sample: 09/04/2013 18:48 (AST)
Relative to MLLW: **Observed: 0.92 ft.** **Predicted: 0.50 ft.** **Residual: 0.42 ft.**
Historical Maximum Water Level: n/a

Yabucoa Harbor, PR - Return to List



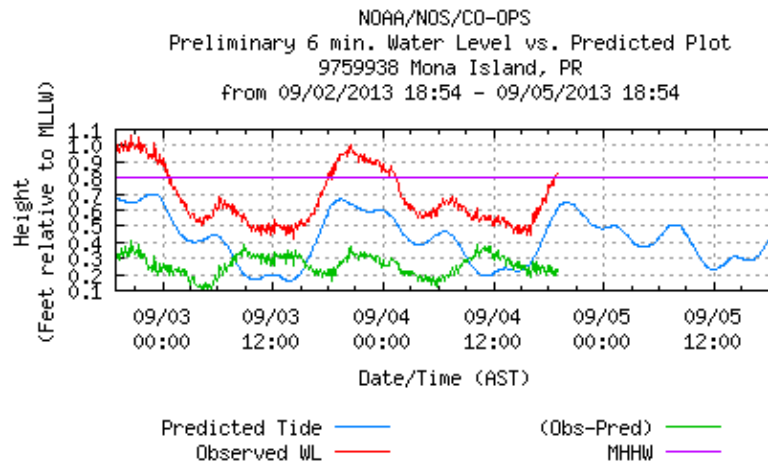
Last Observed Sample: 09/04/2013 18:48 (AST)
Wind Speed: 1 knots **Gusts: 2 knots** **Direction: 338° T**

Yabucoa Harbor, PR - Return to List



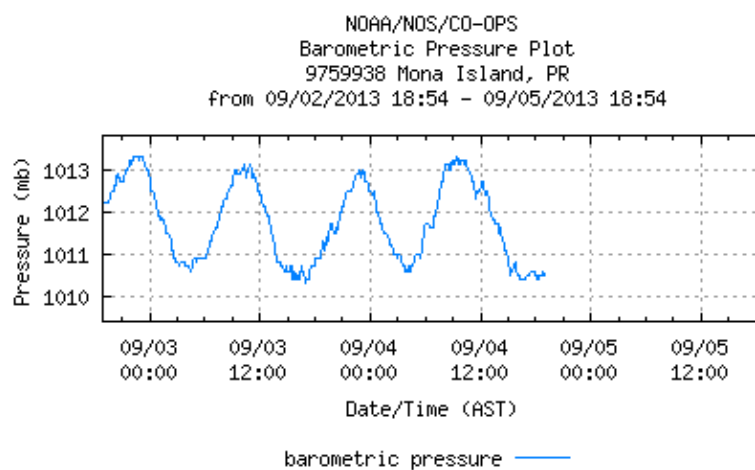
Last Observed Sample: 09/04/2013 18:48 (AST)
Water Temperature: 84.6° F Air Temperature: 75.0° F

Mona Island, PR - Return to List



Last Observed Sample: 09/04/2013 18:54 (AST)
Relative to MLLW: Observed: 0.83 ft. Predicted: 0.60 ft. Residual: 0.23 ft.
Historical Maximum Water Level: Dec 23 2010, 2.06 ft. above MLLW

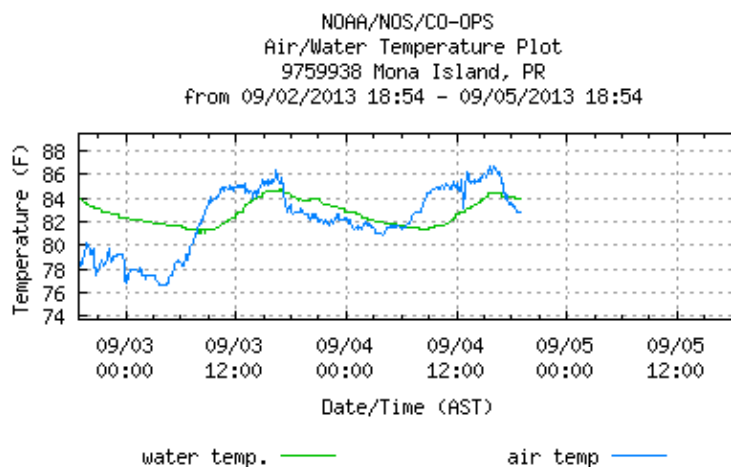
[Mona Island, PR - Return to List](#)



Last Observed Sample: 09/04/2013 18:54 (AST)

Barometric Pressure: 1010.5 mb

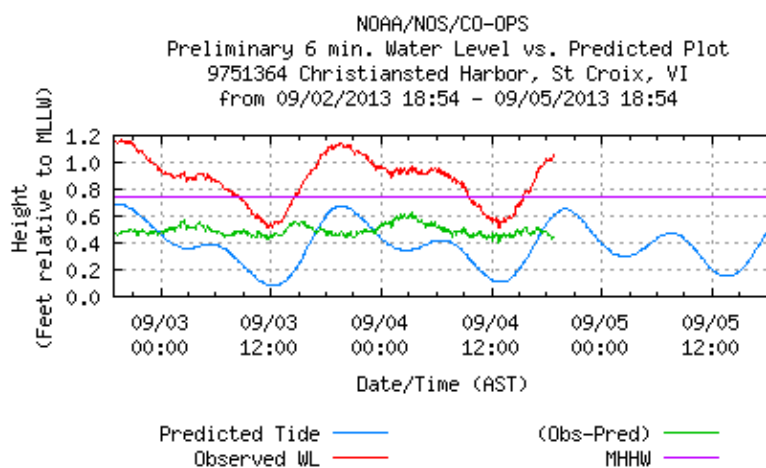
[Mona Island, PR - Return to List](#)



Last Observed Sample: 09/04/2013 18:54 (AST)

Water Temperature: 84.0° F Air Temperature: 82.9° F

Christiansted Harbor, St Croix, VI - Return to List

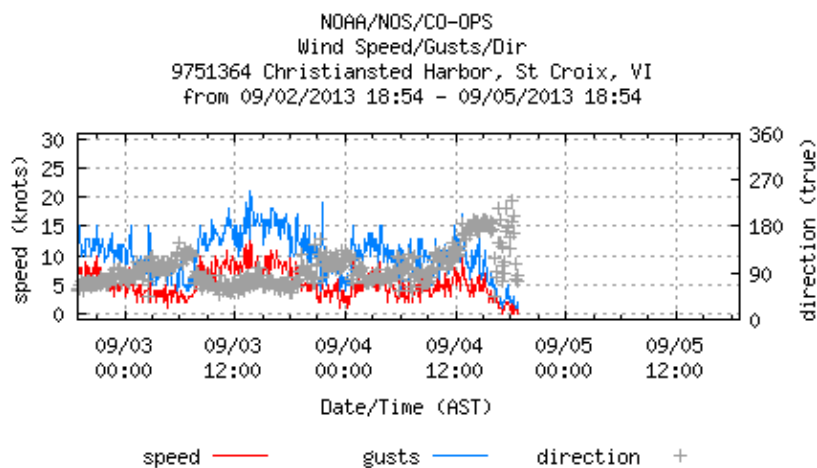


Last Observed Sample: 09/04/2013 18:48 (AST)

Relative to MLLW: **Observed: 1.05 ft.** **Predicted: 0.61 ft.** **Residual: 0.44 ft.**

Historical Maximum Water Level: Oct 16 2008, 1.91 ft. above MLLW

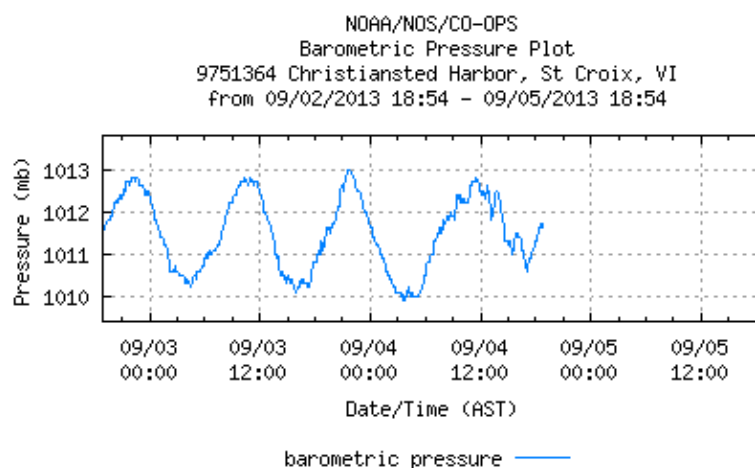
Christiansted Harbor, St Croix, VI - Return to List



Last Observed Sample: 09/04/2013 18:48 (AST)

Wind Speed: 0 knots **Gusts: 1 knots** **Direction: 73° T**

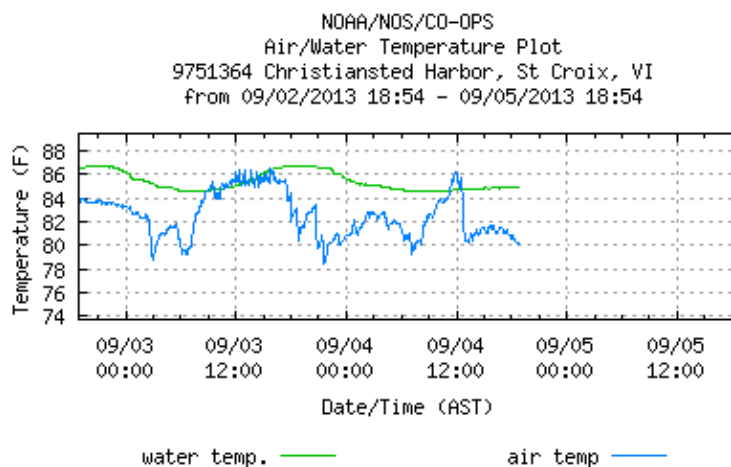
[Christiansted Harbor, St Croix, VI - Return to List](#)



Last Observed Sample: 09/04/2013 18:48 (AST)

Barometric Pressure: 1011.6 mb

[Christiansted Harbor, St Croix, VI - Return to List](#)



Last Observed Sample: 09/04/2013 18:48 (AST)

Water Temperature: 84.9° F Air Temperature: 80.1° F